

Converting Colors

XYZ(48.2454, 61.0537, 57.7099)

Have a look what the booklet for
XYZ(48.2454, 61.0537, 57.7099)
contains.

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Color

**XYZ(48.2703, 61.0286,
57.9508)**

Conversions

Conversions Part 1

Format	Color
Hex	9DDABE
RGB	157, 218, 190
RGB Percent	62%, 85%, 75%
CMY	0.3843, 0.1451, 0.2549
CMYK	0.28, 0.00, 0.13, 0.15
HSL	152°, 45%, 74%
HSV	152°, 28%, 85%
XYZ	48.2703, 61.0286, 57.9508
YIQ	196.5690, -27.3680, -21.6400

Conversions

Conversions Part 2

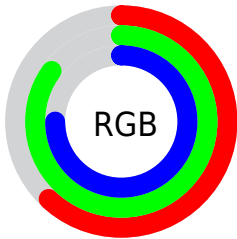
Format	Color
RYB	157, 197, 218
Decimal	10345150
CIELab	82.39, -25.19, 7.56
CIELCh	82, 26.306, 163.287
Yxy	61.0286, 0.2886, 0.3649
Android (android.graphics.Color)	4288535230 (0xFF9DDABE)
YUV	196.5690, -3.2385, -34.7020
Hunter-Lab	78.1208, -26.4175, 10.7026

Details

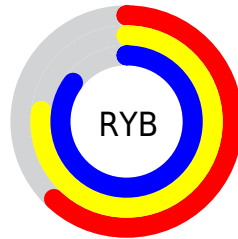
The XYZ color **48.2703, 61.0286, 57.9508** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.7295, 42.5237, 51.4883**, and the grayscale version is **52.8432, 55.5951, 60.5431**.

A 20% lighter version of the original color is **79.8351, 92.3200, 100.8006**, and **23.3215, 30.9436, 28.4104** is the 20% darker color. If you saturate the color by 10%, you get **43.3343, 58.6077, 52.2055**, and if you desaturate by 10%, it is **54.0437, 63.8758, 64.1300**.

Distribution



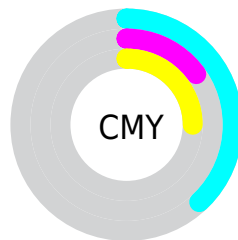
- Red (62%)
- Green (85%)
- Blue (75%)



- Red (62%)
- Yellow (77%)
- Blue (85%)



- Cyan (28%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)





- Cyan (38%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2703, 61.0286, 57.9508 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 48.2703, 61.0286, 57.9508 by changing the saturation by 10% instead.


 48.2703, 61.0286,
57.9508


 48.2703, 61.0286,
57.9508


370.4273,
428.3789, 434.5957

 34.2531, 44.2482,
41.3547


 86.8140, 106.3203,
103.3653

 23.2519, 30.8657,
28.2745


 112.0712,
135.6005, 133.0207

 14.9014, 20.4966,
18.2919


141.8058,
169.8161, 167.8663

 8.8361, 12.7566,
10.9881

176.3832,
209.3515, 208.3206

 4.6907, 7.2611,
5.9448

216.1687,
254.5911, 254.8021

 2.0998, 3.6259,
2.7433

261.5276,

 0.6891, 1.4666,

305.9192, 307.7295

0.9651

312.8254,
363.7204, 367.5212

■ 0.0000, 0.2650,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.2703, 61.0286,
57.9508

■ 48.2703, 61.0286,
57.9508

■ 43.3343, 58.6077,
52.2055

■ 54.0437, 63.8758,
64.1300

■ 39.1888, 56.5842,
46.8802

■ 60.6882, 67.1615,
70.7483

■ 35.7898, 54.9372,
41.9661

■ 68.2418, 70.9070,
77.8162

■ 33.0867, 53.6408,
37.4524

■ 76.7387, 75.1295,
85.3425

■ 31.0225, 52.6658,
33.3280

■ 82.0464, 77.6986,
93.1408

■ 29.5301, 51.9779,
29.5806

■ 83.5750, 78.3100,
101.1904

■ 28.5148, 51.5283,
26.1967

■ 84.3625, 78.6250,
105.3375

■ 28.3385, 51.4514,
25.5557

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.9156, 61.0286, 46.3926



48.2703, 61.0286, 57.9508



48.1227, 61.0286, 73.8103

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.2703, 61.0286, 57.9508



60.5220, 61.0286, 101.3023



66.2228, 61.0286, 47.4287

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.2703, 61.0286, 57.9508



49.7295, 42.5237, 51.4883

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.1572, 61.0286, 59.5956



48.2703, 61.0286, 57.9508



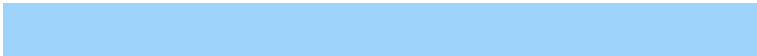
65.7256, 61.0286, 91.5866

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.2703, 61.0286, 57.9508



54.9569, 61.0286, 100.6701



68.9696, 61.0286, 75.7415



61.1655, 61.0286, 41.0231

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.2703, 61.0286, 57.9508



49.4430, 61.0286, 84.8998



68.9696, 61.0286, 75.7415



67.5043, 61.0286, 50.8873

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.2720, 61.0311, 57.9522



86.4677, 95.7456, 100.8192



51.2796, 62.9522, 41.3475



18.1825, 20.3325, 21.2642



0.0000, 0.0000, 0.0000



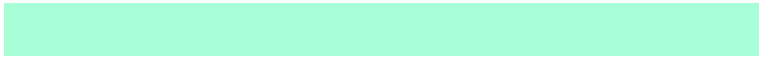
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.2720, 61.0311, 57.9522



64.2640, 84.7944, 77.4055



51.1089, 61.3273, 75.4763



13.1796, 14.7235, 15.4088



17.0319, 30.8454, 15.5993



1.1467, 2.0156, 1.2387

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.7295, 42.5237, 51.4883



66.6954, 53.9351, 66.6336



47.4049, 42.1489, 37.5362



13.3034, 13.1505, 14.8590



18.7553, 9.5032, 8.3575



1.2582, 0.6329, 0.7687

Previews

White Background



This preview shows how the XYZ color 48.2703, 61.0286, 57.9508 looks on a white background.

Color Contrast Check

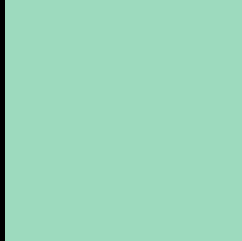
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 48.2703, 61.0286, 57.9508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

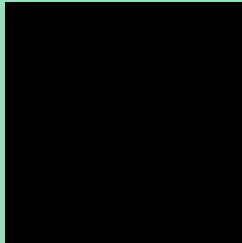
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.2703, 61.0286, 57.9508

Background



This preview shows how black text looks on a background with the XYZ color 48.2703, 61.0286, 57.9508.



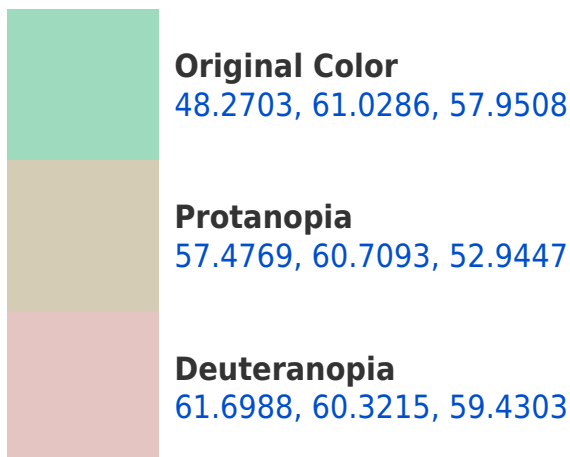
This preview shows how white text looks on a background with the XYZ color 48.2703, 61.0286,

57.9508.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

53.2034, 60.7434, 83.0493

Trichromacy



Original Color

48.2703, 61.0286, 57.9508

Protanomaly

53.5497, 60.4412, 54.7429

Deuteranomaly

55.8141, 60.0695, 59.1049

Tritanomaly

51.2126, 60.6808, 73.3034

Monochromacy



Original Color

48.2703, 61.0286, 57.9508

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

50.8603, 57.5028, 59.4575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2703, 61.0286, 57.9508 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(157, 218, 190)` looks like.

```
.text, #text, p{  
    color:rgb(157, 218, 190)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(157, 218, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 218, 190) }
```

Border

The CSS property to change the border of an element to XYZ 48.2703, 61.0286, 57.9508 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 218, 190) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(157, 218, 190) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(157, 218, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 218, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 218, 190); box-shadow:4px 4px 4px 4px rgb(157, 218, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2703, 61.0286, 57.9508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 218, 190) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(157,  
218, 190) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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